

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	<b>32</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD1600_01_s_2013_32				
Comment Code					
Inspector Comment					
RD 1600 has copies of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	<b>33</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD1600_01_s_2013_33				
Comment Code					
Inspector Comment					
RD 1600 maintains a stockpile of flood response material.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	0.53	Rating **	M	Issue No.	133 (cont)	
LM End	0.53	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Slope Stability			38.682140 °	38.682140 °	
				-121.634083 °	-121.634083 °	
DWR ID	DWR_RD1600_01_f_2013_133					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						
Footpath on landside slope over pipe crossing.						

Photo 2 of 2 : SP\_2018\_RD1600\_191\_133\_20180306\_00062.jpg



View of the slope stability on the landward side of the levee. Fall 2015.

LM Start	0.56	Rating **	A/W	Issue No.	7
LM End	0.66	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.682707 °	38.684106 °
				-121.633830 °	-121.634219 °
DWR ID	DWR_RD1600_01_s_2016_7				
Comment Code					
Inspector Comment					
2000 - Very cohesive vertical bank. 2003 - Some minor new erosion. 2006 - Some minor erosion in old pockets. 2009 - Minimal new erosion. 2011 - Multiple new erosion pockets and a few new tree popouts. 2015: No observed changes. [2015 Site ID: SAC_71-3_R]					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_7\_20180306\_00009.jpg



USACE 2013 Photo #1

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	0.60	Rating **	M	Issue No.	29
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.683238 °	38.683415 °
				-121.634388 °	-121.634448 °
DWR ID	DWR_RD1600_01_s_2016_29				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Recommend removal of willow trees.					

Photo 1 of 3 : SP\_2018\_RD1600\_191\_29\_20180306\_00029.jpg



Perspective view of the willows on the waterward side of the levee looking upstream. Spring 2016.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>0.62</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2018\_RD1600\_191\_29\_20180306\_00030.jpg



Willows are growing on the waterward side of the levee. Spring 2016.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>0.62</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2018\_RD1600\_191\_29\_20180306\_00031.jpg



Updated view of willows on waterward side. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	0.78	Rating **	N	Issue No.	624
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.685713 °	38.685713 °
				-121.634985 °	-121.634985 °
DWR ID	DWR_RD1600_01_s_2017_624				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Burnt stump on waterside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_624\_20180306\_00068.jpg



View of burnt tree on waterside slope. Fall 2016.

LM Start	0.97	Rating **	M	Issue No.	134
LM End	0.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.688454 °	38.688454 °
				-121.635528 °	-121.635528 °
DWR ID	DWR_RD1600_01_f_2013_134				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 2 : SP\_2018\_RD1600\_191\_134\_20180306\_00063.jpg



The levee has a deep depression caused by removed tree. Fall 2013

LM Start	<b>0.97</b>	Rating **	M	Issue No.	<b>134 (cont)</b>
LM End	<b>0.97</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2018\_RD1600\_191\_134\_20180306\_00064.jpg



View of the depression of the slope on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	1.00	Rating **	M	Issue No.	68
LM End	1.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.688890 °	38.688890 °
				-121.635596 °	-121.635596 °
DWR ID	DWR_RD1600_01_f_2017_68				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	1.01	Rating **	A/W	Issue No.	22
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.689092 °	38.690368 °
				-121.635616 °	-121.635669 °
DWR ID	DWR_RD1600_01_f_2017_22				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP\_2018\_RD1600\_191\_22\_20180306\_00021.jpg



View of the revegetation site at the berm edge on the waterward side of the levee looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	1.01	Rating **	A/W	Issue No.	22 (cont)	
LM End	1.10	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.689092 °		38.690368 °
				-121.635616 °		-121.635669 °
DWR ID	DWR_RD1600_01_f_2017_22					
Comment Code						
V8 : Environmental Requirements.						
Inspector Comment						

Photo 2 of 2 : SP\_2018\_RD1600\_191\_22\_20180306\_00022.jpg



Sign stating revegetation site. Spring 2016.

LM Start	1.40	Rating **	A/W	Issue No.	4
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.694452 °	38.694452 °
				-121.634292 °	-121.634292 °
DWR ID	DWR_RD1600_01_s_2017_4				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Vehicle access point. Recommend monitoring.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_4\_20180306\_00005.jpg



View of the slope stability caused by vehicles on the landward side of the levee looking upstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	1.41	Rating **	A/W	Issue No.	65
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.694705 °	38.694705 °
				-121.634212 °	-121.634212 °
DWR ID	DWR_RD1600_01_f_2017_65				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

No Photos

LM Start	1.53	Rating **	M	Issue No.	50
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.696341 °	38.696918 °
				-121.633417 °	-121.633044 °
DWR ID	DWR_RD1600_01_s_2016_50				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Recommend removal of willows on waterward side of the levee.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_50\_20180306\_00043.jpg



View of willows on waterward side of the levee. Recommended removal. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	1.70	Rating **	A/W	Issue No.	70
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.698414 °	38.698414 °
				-121.631874 °	-121.631874 °
DWR ID	DWR_RD1600_01_f_2017_70				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_70\_20180306\_00051.jpg



View of slope instability. Fall 2016.

LM Start	1.72	Rating **	A/W	Issue No.	31
LM End	1.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698639 °	38.698639 °
				-121.631687 °	-121.631687 °
DWR ID	DWR_RD1600_01_s_2012_31				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.99	Rating **	C	Issue No.	64
LM End	1.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.701394 °	38.701394 °
				-121.628254 °	-121.628254 °
DWR ID	DWR_RD1600_01_f_2017_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limb on crown.					

No Photos

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	2.01	Rating **	M	Issue No.	72
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.701605 °	38.701605 °
				-121.627954 °	-121.627954 °
DWR ID	DWR_RD1600_01_s_2018_72				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on landside slope.					

Photo 1 of 4 : SP\_2018\_RD1600\_191\_72\_20180306\_00055.jpg



Updated view of the erosion site. Spring 2017.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP\_2018\_RD1600\_191\_72\_20180306\_00052.jpg



Erosion is on the landward side of the levee about midway from the shoulder of the levee. Spring 2016.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP\_2018\_RD1600\_191\_72\_20180306\_00053.jpg



Updated view of the erosion site. Fall 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	2.01	Rating **	M	Issue No.	72 (cont)
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.701605 °	38.701605 °
				-121.627954 °	-121.627954 °
DWR ID	DWR_RD1600_01_s_2018_72				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on landside slope.					

Photo 4 of 4 : SP\_2018\_RD1600\_191\_72\_20180306\_00054.jpg



Perspective view of the erosion on the landward side of the levee looking upstream. Spring 2016.

LM Start	2.03	Rating **	U	Issue No.	62
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.701780 °	38.701780 °
				-121.627648 °	-121.627648 °
DWR ID	DWR_RD1600_01_f_2017_62				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple large holes over 1' wide on waterside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_62\_20180306\_00048.jpg



View of rodent holes on waterside slope. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	2.10	Rating **	C	Issue No.	55
LM End	2.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.702416 °	38.702416 °
				-121.626593 °	-121.626593 °
DWR ID	DWR_RD1600_01_f_2015_55				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.17	Rating **	M	Issue No.	67
LM End	2.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.703066 °	38.703066 °
				-121.625518 °	-121.625518 °
DWR ID	DWR_RD1600_01_s_2018_67				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the waterside slope next to large mound of dirt.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_67\_20180413\_00099.jpg



View of rodent hole and mound on the waterside slope. Spring 2018.

LM Start	2.29	Rating **	U	Issue No.	58
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.704095 °	38.704095 °
				-121.623891 °	-121.623891 °
DWR ID	DWR_RD1600_01_s_2018_58				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple large rodent holes on the waterside slope and berm.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_58\_20180413\_00098.jpg



View of rodents holes on the waterside slope. Spring 2018.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	2.41	Rating **	M	Issue No.	43
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.705203 °	38.705203 °
				-121.622184 °	-121.622184 °
DWR ID	DWR_RD1600_01_f_2016_43				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_43\_20180306\_00038.jpg



View of slope instability on the landside slope. Fall 2016.

LM Start	2.61	Rating **	A/W	Issue No.	45
LM End	2.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.707311 °	38.707311 °
				-121.619517 °	-121.619517 °
DWR ID	DWR_RD1600_01_f_2016_45				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_45\_20180306\_00039.jpg



Elderberry tree on landside slope. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	3.00	Rating **	C	Issue No.	75
LM End	3.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.711232 °	38.711232 °
				-121.614401 °	-121.614401 °
DWR ID	DWR_RD1600_01_s _ 2017_75				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth on landside levee slope.					

No Photos

LM Start	3.04	Rating **	A/W	Issue No.	37
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.711597 °	38.711597 °
				-121.613890 °	-121.613890 °
DWR ID	DWR_RD1600_01_s _ 2012_37				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	3.04	Rating **	M	Issue No.	76
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.711660 °	38.711660 °
				-121.613839 °	-121.613839 °
DWR ID	DWR_RD1600_01_s_2017_76				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope depression on landside levee slope from vehicle traffic.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_76\_20180306\_00057.jpg



Slope depression on landside levee slope from vehicle traffic. Spring 2017.

LM Start	3.20	Rating **	M	Issue No.	51
LM End	3.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.713393 °	38.713393 °
				-121.611828 °	-121.611828 °
DWR ID	DWR_RD1600_01_s_2017_51				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	3.40	Rating **	M	Issue No.	77
LM End	3.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.715681 °	38.715681 °
				-121.609555 °	-121.609555 °
DWR ID	DWR_RD1600_01_s_2017_77				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	3.58	Rating **	M	Issue No.	3
LM End	3.83	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.717770 °	38.721351 °
				-121.607423 °	-121.606414 °
DWR ID	DWR_RD1600_01_s_2016_3				
Comment Code					
Inspector Comment					
1997 - Steep high bank. 2005 - Some small pockets in the low toe near the waterline. 2006 - Minor slope clearing. 2010 - Minor new erosion. 2011 - Multiple trees have fallen since last year. Some other trees look ready to fall. Significant new erosion since last year. 2012 - Minor new erosion. 2013 - Minor new erosion. 2015: New minor erosion at toe. [2015 Site ID: SAC 74-4 R]					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_3\_20180306\_00003.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	3.84	Rating **	M	Issue No.	57
LM End	3.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.721511 °	38.721511 °
				-121.606828 °	-121.606828 °
DWR ID	DWR_RD1600_01_s_2018_57				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside slope.					

No Photos

LM Start	3.93	Rating **	C	Issue No.	40
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.722823 °	38.722823 °
				-121.606707 °	-121.606707 °
DWR ID	DWR_RD1600_01_f_2017_40				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	4.34	Rating **	M	Issue No.	8
LM End	4.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.728684 °	38.736110 °
				-121.605844 °	-121.604153 °
DWR ID	DWR_RD1600_01_s_2016_8				
Comment Code					
Inspector Comment					
1997 - Very steep bank. 2005 - Lots of small trees down along the bank at the upstream end. 2006 - Minor new erosion, but slow. 2010 - Almost all of the roots are exposed on the trees, appears ready to fall. 2011 - New erosion and tree popouts. 2012 - Site has become overgrown with vegetation, making it hard to observe. 2015: Dense vegetation made observation difficult. [2015 Site ID: SAC_75-3_R]					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_8\_20180306\_00010.jpg



USACE 2013 Photo #1

LM Start	4.59	Rating **	A/W	Issue No.	56
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.732315 °	38.732315 °
				-121.605681 °	-121.605681 °
DWR ID	DWR_RD1600_01_s_2018_56				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Observed a large rodent hole on the waterside berm during a previous site visit. Recommend monitoring.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	4.66	Rating **	A/W	Issue No.	41
LM End	4.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.733294 °	38.733294 °
				-121.605484 °	-121.605484 °
DWR ID	DWR_RD1600_01_f_2015_41				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_41\_20180306\_00037.jpg



View of the bulge at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	4.72	Rating **	M	Issue No.	18
LM End	4.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.734255 °	38.734255 °
				-121.605190 °	-121.605190 °
DWR ID	DWR_RD1600_01_s_2018_18				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	4.75	Rating **	A/W	Issue No.	1193
LM End	4.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.734561 °	38.734561 °
				-121.605113 °	-121.605113 °
DWR ID	DWR_RD1600_01_s _ 2015_1193				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.76	Rating **	A/W	Issue No.	1194
LM End	4.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.734784 °	38.734784 °
				-121.605048 °	-121.605048 °
DWR ID	DWR_RD1600_01_s _ 2015_1194				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	4.77	Rating **	M	Issue No.	141
LM End	4.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.734840 °	38.734840 °
				-121.605026 °	-121.605026 °
DWR ID	DWR_RD1600_01_f_2013_141				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_141\_20180306\_00066.jpg



View of the erosion on the landward side of the levee looking upstream.  
Fall 2015.

LM Start	4.79	Rating **	A/W	Issue No.	1195
LM End	4.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.735111 °	38.735111 °
				-121.604923 °	-121.604923 °
DWR ID	DWR_RD1600_01_s_2015_1195				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	4.80	Rating **	A/W	Issue No.	1196
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.735275 °	38.735275 °
				-121.604863 °	-121.604863 °
DWR ID	DWR_RD1600_01_s _ 2015_1196				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.85	Rating **	A/W	Issue No.	1197
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.736095 °	38.736095 °
				-121.604642 °	-121.604642 °
DWR ID	DWR_RD1600_01_s _ 2015_1197				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.42	Rating **	A/W	Issue No.	13
LM End	5.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.743805 °	38.743805 °
				-121.601319 °	-121.601319 °
DWR ID	DWR_RD1600_01_s _ 2012_13				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	5.44	Rating **	A/W	Issue No.	19
LM End	5.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.744118 °	38.748210 °
				-121.601104 °	-121.598025 °
DWR ID	DWR_RD1600_01_s_2012_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Levee district had us add this because of the loss of the berm over years of water flows. Erosion is at the waters edge. Walnut trees are close to edge now.					

No Photos

LM Start	6.00	Rating **	C	Issue No.	59
LM End	6.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.751179 °	38.752670 °
				-121.596173 °	-121.595485 °
DWR ID	DWR_RD1600_01_f_2016_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	6.18	Rating **	M	Issue No.	48
LM End	6.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.753646 °	38.761074 °
				-121.595096 °	-121.594241 °
DWR ID	DWR_RD1600_01_s_2018_48				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.30	Rating **	A/W	Issue No.	9
LM End	6.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.755246 °	38.756186 °
				-121.594206 °	-121.594024 °
DWR ID	DWR_RD1600_01_s_2016_9				
Comment Code					
Inspector Comment					
2011 - Large vertical eroded face from a rotational failure just below pump. 2015: Does not meet criterial. [2015 Site ID: SAC_77-0_R]					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_9\_20180306\_00011.jpg



USACE 2013 Photo #1

LM Start	6.32	Rating **	M	Issue No.	47
LM End	8.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.755587 °	38.779179 °
				-121.594538 °	-121.609624 °
DWR ID	DWR_RD1600_01_s_2018_47				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	6.56	Rating **	M	Issue No.	80
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.759131 °	38.759131 °
				-121.594092 °	-121.594092 °
DWR ID	DWR_RD1600_01_s_2017_80				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	6.60	Rating **	C	Issue No.	631
LM End	6.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.759633 °	38.760242 °
				-121.594128 °	-121.594163 °
DWR ID	DWR_RD1600_01_s_2014_631				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

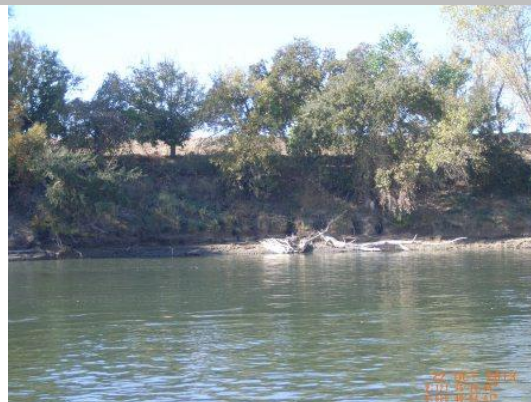
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	6.85	Rating **	M	Issue No.	44
LM End	9.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.763243 °	38.779378 °
				-121.594803 °	-121.626758 °
DWR ID	DWR_RD1600_01_s_2018_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.95	Rating **	M	Issue No.	6
LM End	6.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.764801 °	38.765219 °
				-121.594926 °	-121.595049 °
DWR ID	DWR_RD1600_01_s_2016_6				
Comment Code					
Inspector Comment					
2006 - Eddy scour off end of rock causing erosion and scour hole near levee. Sandy silt bank with rock on upstream end. 2010 - Trees are leaning more, minor new erosion. 2011 - Many of the tree roots have scoured out and trees look ready to fall. 2015: No observed changes. [2015 Site ID: SAC 77-7 R]					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_6\_20180306\_00008.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	6.97	Rating **	A/W	Issue No.	27
LM End	6.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.764974 °	38.764974 °
				-121.595533 °	-121.595533 °
DWR ID	DWR_RD1600_01_s_2012_27				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Minor runoff. Recommend monitoring.					

No Photos

LM Start	6.97	Rating **	A/W	Issue No.	30
LM End	6.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.764980 °	38.764980 °
				-121.595513 °	-121.595513 °
DWR ID	DWR_RD1600_01_f_2017_30				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 2 : SP\_2018\_RD1600\_191\_30\_20180306\_00032.jpg



Erosion is into the berm area and needs to be monitored. Spring 2013

LM Start	<b>6.97</b>	Rating **	A/W	Issue No.	<b>30 (cont)</b>
LM End	<b>6.97</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2018\_RD1600\_191\_30\_20180306\_00033.jpg



View of the erosion into the berm area that needs to be monitored. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	7.10	Rating **	A/W	Issue No.	20
LM End	7.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.766691 °	38.766691 °
				-121.596300 °	-121.596300 °
DWR ID	DWR_RD1600_01_s_2012_20				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion present at the berm, and it hasn't got into the levee prism yet.					

Photo 1 of 5 : SP\_2018\_RD1600\_191\_20\_20180306\_00013.jpg



This another view of the site.

LM Start	<b>7.10</b>	Rating **	A/W	Issue No.	<b>20 (cont)</b>
LM End	<b>7.10</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 5 : SP\_2018\_RD1600\_191\_20\_20180306\_00014.jpg



View of the erosion in the berm area on the waterward side looking upstream. Fall 2015.

LM Start	<b>7.10</b>	Rating **	A/W	Issue No.	<b>20 (cont)</b>
LM End	<b>7.10</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 5 : SP\_2018\_RD1600\_191\_20\_20180306\_00015.jpg



The erosion is eroding away at the berm area.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	7.10	Rating **	A/W	Issue No.	20 (cont)	
LM End	7.10	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.766691 °		38.766691 °
				-121.596300 °		-121.596300 °
DWR ID	DWR_RD1600_01_s_2012_20					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Erosion present at the berm, and it hasn't got into the levee prism yet.						

Photo 4 of 5 : SP\_2018\_RD1600\_191\_20\_20180306\_00016.jpg



Looking at the erosion site on the berm. Fall 2015.

LM Start	<b>7.10</b>	Rating **	A/W	Issue No.	<b>20 (cont)</b>
LM End	<b>7.10</b>	Issue Type +	Ma	Location *	WS

Photo 5 of 5 : SP\_2018\_RD1600\_191\_20\_20180306\_00017.jpg



Updated view of erosion site. Fall 2016.

LM Start	7.21	Rating **	M	Issue No.	61
LM End	7.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.768094 °	38.768094 °
				-121.597075 °	-121.597075 °
DWR ID	DWR_RD1600_01_f_2015_61				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Runoff erosion on landside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_61\_20180306\_00047.jpg



View of the erosion on the landward side of the levee looking downstream. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	7.23	Rating **	A/W	Issue No.	21
LM End	7.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.768409 °	38.768409 °
				-121.597213 °	-121.597213 °
DWR ID	DWR_RD1600_01_s_2012_21				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on waterside berm.					

Photo 1 of 3 : SP\_2018\_RD1600\_191\_21\_20180306\_00018.jpg



The erosion is eroding away the berm area.

LM Start	<b>7.23</b>	Rating **	A/W	Issue No.	<b>21 (cont)</b>
LM End	<b>7.23</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2018\_RD1600\_191\_21\_20180306\_00019.jpg



The bank is eroding away and has become very steep.

LM Start	<b>7.23</b>	Rating **	A/W	Issue No.	<b>21 (cont)</b>
LM End	<b>7.23</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2018\_RD1600\_191\_21\_20180306\_00020.jpg



View of the erosion along the waterward berm of the levee. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	<b>7.38</b>	Rating **	M	Issue No.	<b>81</b>
LM End	<b>7.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.770338 °	38.770338 °	
			-121.598542 °	-121.598542 °	
DWR ID	DWR_RD1600_01_s_2017_81				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	<b>8.10</b>	Rating **	C	Issue No.	<b>60</b>
LM End	<b>8.26</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.778390 °	38.779128 °	
			-121.606875 °	-121.609582 °	
DWR ID	DWR_RD1600_01_f_2016_60				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>8.18</b>	Rating **	C	Issue No.	<b>63</b>
LM End	<b>8.18</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.778922 °	38.778922 °	
			-121.608075 °	-121.608075 °	
DWR ID	DWR_RD1600_01_f_2015_63				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	8.41	Rating **	M	Issue No.	36
LM End	8.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.779848 °	38.779848 °
				-121.612130 °	-121.612130 °
DWR ID	DWR_RD1600_01_f_2017_36				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_36\_20180306\_00036.jpg



View of fallen tree on waterside slope. Fall 2017.

LM Start	8.51	Rating **	M	Issue No.	38
LM End	10.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.780299 °	38.766638 °
				-121.613904 °	-121.634023 °
DWR ID	DWR_RD1600_01_s_2018_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_38\_20180413\_00097.jpg



View of vegetation on the landside slope. Spring 2018.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	9.40	Rating **	M	Issue No.	66
LM End	10.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.778649 °	38.765406 °
				-121.627172 °	-121.635004 °
DWR ID	DWR_RD1600_01_f_2016_66				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_191\_66\_20180306\_00050.jpg



Vegetation on WS slope has been cleared only about 10 ft. from the crown. Fall 2016.

LM Start	9.59	Rating **	A/W	Issue No.	1201
LM End	9.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.776493 °	38.776493 °
				-121.629160 °	-121.629160 °
DWR ID	DWR_RD1600_01_s_2015_1201				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.46	04/10/2018 05/08/2018	Zach Jojola

LM Start	<b>10.38</b>	Rating **	M	Issue No.	<b>69</b>
LM End	<b>10.38</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.766293 °	38.766293 °	
			-121.634349 °	-121.634349 °	
DWR ID	DWR_RD1600_01_f_2015_69				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>0.34</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.736279 °	38.731295 °	
			-121.633691 °	-121.633508 °	
DWR ID	DWR_RD1600_02_s _ 2018_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>4.19</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.736279 °	38.677071 °	
			-121.633691 °	-121.643454 °	
DWR ID	DWR_RD1600_02_s _ 2018_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	0.20	Rating **	A/W	Issue No.	17	
LM End	4.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.733333 °	38.676750 °	
				-121.633611 °	-121.643250 °	
DWR ID	DWR_RD1600_02_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:202						
Site Designation:RD 1600-01						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/5/2017						
Notes: dense vegetation makes identification difficult						

Photo 1 of 3 : LEVAL\_SP\_2018\_202\_1210.jpg



LM Start	<b>0.20</b>	Rating **	A/W	Issue No.	<b>17 (cont)</b>
LM End	<b>4.21</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL\_SP\_2018\_202\_369.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	0.20	Rating **	A/W	Issue No.	17 (cont)	
LM End	4.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.733333	°	38.676750
				-121.633611	°	-121.643250
DWR ID	DWR_RD1600_02_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:202						
Site Designation:RD 1600-01						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/5/2017						
Notes: dense vegetation makes identification difficult						

Photo 3 of 3 : LEVAL\_SP\_2018\_202\_371.jpg



LM Start	0.37	Rating **	M	Issue No.	4
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.730872 °	38.730872 °
				-121.633504 °	-121.633504 °
DWR ID	DWR_RD1600_02_f_2016_4				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP\_2018\_RD1600\_192\_4\_20180306\_00001.jpg



Landside levee slope erosion at RD1600 pumping plant. Fall 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	0.39	Rating **	C	Issue No.	5
LM End	0.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.730547 °	38.723081 °
				-121.633490 °	-121.633449 °
DWR ID	DWR_RD1600_02_f_2016_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation has been trimmed and complies with standards. Recommend monitoring.					

No Photos

LM Start	0.41	Rating **	C	Issue No.	7
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.730316 °	38.721685 °
				-121.633472 °	-121.633577 °
DWR ID	DWR_RD1600_02_f_2016_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation has been trimmed and complies with standards. Recommend monitoring.					

No Photos

LM Start	0.72	Rating **	M	Issue No.	9
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.725846 °	38.677071 °
				-121.633465 °	-121.643454 °
DWR ID	DWR_RD1600_02_s_2018_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	0.92	Rating **	A/W	Issue No.	23
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.722948 °	38.716108 °
				-121.633477 °	-121.634930 °
DWR ID	DWR_RD1600_02_s_2017_23				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Long section of wave wash damage on waterside levee slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_192\_23\_20180306\_00019.jpg



View of wave wash damage on waterside levee slope. Spring 2017.

LM Start	1.22	Rating **	A/W	Issue No.	16	
LM End	1.26	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.718528 °	38.718043 °	
				-121.633972 °	-121.634274 °	
DWR ID	DWR_RD1600_02_f _ 2017_16					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:203						
Site Designation:RD 1600-03						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/5/2017						
Notes: Site located inside bounds of 1600-01, same evaluation. Seems to be part of site ID No. 202.						

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	1.58	Rating **	M	Issue No.	22
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.713632 °	38.713632 °
				-121.635928 °	-121.635928 °
DWR ID	DWR_RD1600_02_s_2017_22				
Comment Code					
DE : Debris					
Inspector Comment					
Refrigerator on waterside levee slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_192\_22\_20180306\_00018.jpg



Refrigerator on waterside levee slope. Spring 2017.

LM Start	1.79	Rating **	A/W	Issue No.	14
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.710763 °	38.707116 °
				-121.637147 °	-121.638722 °
DWR ID	DWR_RD1600_02_s_2012_14				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 4 : SP\_2018\_RD1600\_192\_14\_20180306\_00007.jpg



A closer view of the wave wash damage along the bypass.

LM Start	<b>1.79</b>	Rating **	A/W	Issue No.	<b>14 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 4 : SP\_2018\_RD1600\_192\_14\_20180306\_00008.jpg



Wave wash damage along the slope the cut is 1'-2'.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	1.79	Rating **	A/W	Issue No.	14 (cont)	
LM End	2.05	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.710763 °		38.707116 °
				-121.637147 °		-121.638722 °
DWR ID	DWR_RD1600_02_s_2012_14					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 3 of 4 : SP\_2018\_RD1600\_192\_14\_20180306\_00009.jpg



View of the erosion on the waterward side of the levee looking downstream. Fall 2015.

LM Start	<b>1.79</b>	Rating **	A/W	Issue No.	<b>14 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	WS

Photo 4 of 4 : SP\_2018\_RD1600\_192\_14\_20180306\_00010.jpg



Updated view of erosion site on WS slope. Fall 2016.

LM Start	2.05	Rating **	C	Issue No.	21
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.707130 °	38.707130 °
				-121.638712 °	-121.638712 °
DWR ID	DWR_RD1600_02_s_2017_21				
Comment Code					
DE : Debris					
Inspector Comment					
Trash and large log on watersid levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	2.16	Rating **	A/W	Issue No.	15
LM End	2.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.705614 °	38.704052 °
				-121.639357 °	-121.640016 °
DWR ID	DWR_RD1600_02_s_2012_15				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Previous erosion site. Recommend monitoring.					

Photo 1 of 3 : SP\_2018\_RD1600\_192\_15\_20180306\_00011.jpg



Looking upstream a deeper cut of 2'-3' damage.

LM Start	<b>2.16</b>	Rating **	A/W	Issue No.	<b>15 (cont)</b>
LM End	<b>2.27</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2018\_RD1600\_192\_15\_20180306\_00012.jpg



This is wave wash damage along the toe of the levee looking downstream.

LM Start	<b>2.16</b>	Rating **	A/W	Issue No.	<b>15 (cont)</b>
LM End	<b>2.27</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2018\_RD1600\_192\_15\_20180306\_00013.jpg



Updated view of wave wash damage on WS slope. Fall 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojoia

LM Start	2.34	Rating **	M	Issue No.	32
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.703158 °	38.703158 °
				-121.640376 °	-121.640376 °
DWR ID	DWR_RD1600_02_s _ 2018_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on the waterside slope.					

No Photos

LM Start	2.41	Rating **	M	Issue No.	20
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.702222 °	38.702222 °
				-121.640791 °	-121.640791 °
DWR ID	DWR_RD1600_02_s _ 2018_20				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on the waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	2.55	Rating **	M	Issue No.	31
LM End	2.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.700313 °	38.700313 °
				-121.641656 °	-121.641656 °
DWR ID	DWR_RD1600_02_f_2017_31				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Void on the slope from removed tree.					

No Photos

LM Start	2.62	Rating **	M	Issue No.	19
LM End	2.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.699360 °	38.699360 °
				-121.642046 °	-121.642046 °
DWR ID	DWR_RD1600_02_s_2018_19				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on the landside slope.					

No Photos

LM Start	2.77	Rating **	A/W	Issue No.	3
LM End	2.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.697266 °	38.697266 °
				-121.642952 °	-121.642952 °
DWR ID	DWR_RD1600_02_s_2016_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	2.80	Rating **	M	Issue No.	18
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.696837 °	38.696837 °
				-121.643132 °	-121.643132 °
DWR ID	DWR_RD1600_02_s_2018_18				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on the landside slope.					

No Photos

LM Start	2.97	Rating **	M	Issue No.	30
LM End	2.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.694478 °	38.694478 °
				-121.644116 °	-121.644116 °
DWR ID	DWR_RD1600_02_f_2017_30				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile on landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	3.04	Rating **	M	Issue No.	13
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.693494 °	38.693494 °
				-121.644539 °	-121.644539 °
DWR ID	DWR_RD1600_02_s_2018_13				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile on the landside slope.					

No Photos

LM Start	3.13	Rating **	M	Issue No.	10
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.692324 °	38.692324 °
				-121.644964 °	-121.644964 °
DWR ID	DWR_RD1600_02_s_2018_10				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on the landside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_192\_10\_20180413\_00026.jpg



View of pruning pile on the landside slope. Spring 2018.

LM Start	3.41	Rating **	A/W	Issue No.	300
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.688243 °	38.688243 °
				-121.645010 °	-121.645010 °
DWR ID	DWR_RD1600_02_s_2015_300				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojoia

LM Start	3.52	Rating **	M	Issue No.	29
LM End	3.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.686675 °	38.686052 °
				-121.644852 °	-121.644773 °
DWR ID	DWR_RD1600_02_f_2017_29				
Comment Code					
PR : Prunings					
Inspector Comment					
Multiple pruning piles on landside slope.					

No Photos

LM Start	3.53	Rating **	A/W	Issue No.	299
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.686436 °	38.686436 °
				-121.644799 °	-121.644799 °
DWR ID	DWR_RD1600_02_s_2015_299				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	3.59	Rating **	C	Issue No.	28
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.685565 °	38.685565 °
				-121.644719 °	-121.644719 °
DWR ID	DWR_RD1600_02_f_2017_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Larger limbs on landside slope.					

No Photos

LM Start	3.73	Rating **	M	Issue No.	12
LM End	3.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.683589 °	38.683589 °
				-121.644513 °	-121.644513 °
DWR ID	DWR_RD1600_02_s_2018_12				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on the landside shoulder.					

No Photos

LM Start	3.81	Rating **	C	Issue No.	27
LM End	3.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.682379 °	38.682379 °
				-121.644373 °	-121.644373 °
DWR ID	DWR_RD1600_02_f_2017_27				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	3.86	Rating **	M	Issue No.	26
LM End	3.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.681752 °	38.681752 °
				-121.644287 °	-121.644287 °
DWR ID	DWR_RD1600_02_f_2017_26				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on landside slope.					

No Photos

LM Start	4.00	Rating **	M	Issue No.	25
LM End	4.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.679714 °	38.679714 °
				-121.644035 °	-121.644035 °
DWR ID	DWR_RD1600_02_f_2017_25				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on landside slope.					

Photo 1 of 1 : SP\_2018\_RD1600\_192\_25\_20180306\_00020.jpg



View of pruning pile on landside slope. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	4.07	Rating **	C	Issue No.	24
LM End	4.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.678634 °	38.678634 °
				-121.643922 °	-121.643922 °
DWR ID	DWR_RD1600_02_f_2017_24				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on waterside slope.					

No Photos

LM Start	4.17	Rating **	A/W	Issue No.	302
LM End	4.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.677286 °	38.677286 °
				-121.643683 °	-121.643683 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15303 DS_ID:21502 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 72-inch by 72-inch reinforced concrete box drainage culvert through the levee, 26 feet below the crown. Slide gate on the waterside (WS) slope in a 9-foot by 10-foot concrete box. Culvert passes under the bypass canal, the railroad, and County Road 22 and terminates in the canal on the southwest side of the County Road 22 bridge. [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 123, August 1955, (Station 155+00)]. FS Date: 6/21/2013					

Photo 1 of 3 : UCIP\_SP\_2018\_15303\_25158.jpg



Concrete intake structure on LS.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	4.17	Rating **	A/W	Issue No.	302 (cont)	
LM End	4.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.677286 °	38.677286 °	
				-121.643683 °	-121.643683 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15303 DS_ID:21502 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 72-inch by 72-inch reinforced concrete box drainage culvert through the levee, 26 feet below the crown. Slide gate on the waterside (WS) slope in a 9-foot by 10-foot concrete box. Culvert passes under the bypass canal, the railroad, and County Road 22 and terminates in the canal on the southwest side of the County Road 22 bridge. [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 123, August 1955, (Station 155+00)]. FS Date: 6/21/2013						

LM Start	<b>4.17</b>	Rating **	A/W	Issue No.	<b>302 (cont)</b>
LM End	<b>4.17</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_15303\_25157.jpg



Concrete intake structure on LS.

Photo 3 of 3 : UCIP\_SP\_2018\_15303\_25156.jpg



Slide gate in 9'X10' concrete box on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

### Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.23	04/10/2018 04/10/2018	Zach Jojola

LM Start	4.19	Rating **	M	Issue No.	6
LM End	4.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677121 °	38.677121 °
				-121.643466 °	-121.643466 °
DWR ID	DWR_RD1600_02_s_2016_6				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 2 : SP\_2018\_RD1600\_192\_6\_20180306\_00003.jpg



View of the trees on the landward side of the levee looking downstream.  
Spring 2016.

LM Start	<b>4.19</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>4.19</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2018\_RD1600\_192\_6\_20180306\_00004.jpg



View of debris on LS slope. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--